

Internat upplication No PCT/SE 03/00520

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F9/46 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G06F} & \mbox{H04L} & \mbox{H04Q} \\ \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
-,		
X	WO 01 90883 A (SUN MICROSYSTEMS INC) 29 November 2001 (2001-11-29) abstract page 1, line 1 -page 9, line 20; figures 1-48	1-45
P,X	US 6 487 607 B1 (JONES PETER C ET AL) 26 November 2002 (2002-11-26) abstract column 2, line 25 -column 3, line 20	1,21
Y	WO 99 63737 A (ERICSSON TELEFON AB L M) 9 December 1999 (1999-12-09) abstract page 1, line 5 -page 2, line 15	2-20, 22-45

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is cambined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 11 June 2003	Date of mailing of the International search report 2 4 JUN 2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijewijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer BEHROZ MORADI /EÖ

Form PCT/ISA/210 (second sheet) (July 1992)



Interna pplication No
PCT/SE 03/00520

C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category®	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to daim No.
Y	WO 99 44121 A (SUN MICROSYSTEMS INC) 2 September 1999 (1999-09-02) abstract page 1 -page 2; figures 1-5	2-20, 22-45
P , Y	WO 03 007628 A (TELENOR ASA ;THANH DO VAN (NO); GROEDEM GUNVALD MARTIN (NO)) 23 January 2003 (2003-01-23) abstract page 2, line 15 -page 6, line 5; figures 1-14	2-20, 22-45



nation on patent family members

Internati ,pplication No
PCT/SE 03/00520

Patent docu cited in searc		Publication date		Patent family member(s)	<u> </u>	Publication date
WO 01908	383 A	29-11-2001	AU	5971801		20-11-2001
			AU AU	5971901 5972601		20-11-2001 ⁻ 20-11-2001
			AU		A	20-11-2001
			AU		A	20-11-2001
			AU		Ä	20-11-2001
			AU	6138701		20-11-2001
			ΑU		Α	20-11-2001
			AU		A	20-11-2001
			AU		A	20-11-2001
			AU		A	20-11-2001
			AU AU		A A	20-11-2001 03-12-2001
			AU		A	20-11-2001
			ΑŬ	6306401	Â	20-11-2001
			ΑŬ		Ä	20-11-2001
			AU	6457701		20-11-2001
· ·			EP	1299799	A2	09-04-2003
			EP		A2	02-04-2003
· .			EP		A2	05-02-2003
1			EP		A2	14-05-2003
			EP EP	1287423 1285354	A2	05-03-2003 26-02-2003
			EP	1314085		28-05-2003
1			EP	1290547		12-03-2003
1			ËP	1285323		26-02-2003
			ĒΡ	1285334		26-02-2003
			GB	2381100		23-04-2003
1			WO	0186439		15-11-2001
			WO	0186419		15-11-2001
			MO	0186420		15-11-2001
			MO MO	0186393 0186486		15-11-2001 15-11-2001
			MO	0190883		29-11-2001
			WO	0186421		15-11-2001
			WO	0186440		15-11-2001
			WO	0186422	A2	15-11-2001
			WO	0186394		15-11-2001
ļ			MO	0186487		15-11-2001
			MO	0186423		15-11-2001
			MO	0186424		15-11-2001
			WO WO	0186425 0186427		15-11-2001 15-11-2001
			MO	0186395		15-11-2001
			WO	0186428		15-11-2001
US 6487	607 B1	26-11-2002	AU	2770299		15-09-1999 ,
			CN	1298513		06-06-2001
			EP	1058881		13-12-2000
			JP	2002505466		19-02-2002
			WO	9944126 2680299		02-09-1999 15-09-1999
			UA UA	2680399		15-09-1999
			AU	2680499		15-09-1999
			ΑŬ	2686699		15-09-1999
			ΑŬ	2686799		15-09-1999
			AU	2766199	Α	15-09-1999
			ΑU	2769899		15-09-1999
Form PCT/ISA/210 (patent fa						



......ation on patent family members

Internati pplication No
PCT/SE 03/00520

Patent document cited in search report US 6487607	B1	Publication date	AU	Patent family member(s)	Publication date
US 6487607	B1		AU	2770199 A	15-09-1999
03 0407007	O.L		NO		
			ΑU	2770399 A	15-09-1999
			AU	2770499 A	15-09-1999
			ÜΑ	2770599 A	15-09-1999
			AU	2787699 A	15-09-1999
				2787799 A	15-09-1999
			ΑU		
			ΑU	2787899 A	15-09-1999
			AU	2876899 A	15-09-1999
			ΑU	2876999 A	15-09-1999
			AU	2878399 A	15-09-1999
			AU	2878499 A	15-09-1999
			AU	3297199 A	15-09-1999
			ΑU	3297299 A	15-09 - 1999
			ΑU	3300499 A	15-09-1999
			ΑU	3300599 A	15-09-1999
			AU	3309199 A	15-09-1999
			CŅ:	1292115 T	18-04-2001
			CN	1292116 T	18-04-2001
			CN	1292113 T	18-04-2001
			CN	1292117 T	18-04-2001
			CN	1292192 T	18-04-2001
			CN	1292118 T	18-04-2001
			CN	1298502 T	06-06-2001
					06-06-2001
			CN	1298503 T	
			CN	1298504 T	06-06-2001
			CN	1298505 T	06-06-2001
			CN	1298523 T	06-06-2001
			CN	1298524 T	06-06-2001
			CN	1298506 T	06-06-2001
			CN	1298507 T	06-06-2001
			CN	1298508 T	06-06-2001
			CN	1298509 T	06-06-2001
			CN	1298510 T	06-06-2001
			CN	1298511 T	06-06-2001
			CN	1298512 T	06-06-2001 [,]
			CN	1298514 T	06-06-2001
			CN	1298515 T	06-06-2001
				756440 00	
WO 9963737	Α	09-12-1999	AU	756419 B2	09-01-2003
			AU	4666099 A	20-12-1999
			CA	2333588 A1	09-12-1999
			GB	2354397 A	21-03-2001
			JP	2002517954 T	18-06-2002
			WO	9963737 A1	09-12-1999
WO 9944121	Α	02-09-1999	US	6446070 B1	03-09-2002
MO JOHHICT	^	06-09-1999	AU	2680299 A	15-09-1999
			AU	2680399 A	15-09-1999
					15-09-1999
			AU	2680499 A	
			AU	2686699 A	15-09-1999
			ΑU	2686799 A	15-09-1999
			ΑU	2766199 A	15-09-1999
			AU	2769899 A	15-09-1999
			AU	2770199 A	15-09-1999
			ΑU	2770299 A	15-09-1999
			A11	2770399 A	15 00 1000
			ΑU	2//0399 A	15-09-1999
			AU	2770499 A	15-09-1999



maximation on patent family members

Internati Application No
PCT/SE 03/00520

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9944121 A	<u> </u>	AU	2787699 A	15-09-1999
		AU	2787799 A	15-09-1999
		AU	2787899 A	15-09-1999
		AU	2876899 A	15-09-1999
		AU	2876999 A	15-09-1999
		ΑU	2878399 A	15-09-1999
		AU	2878499 A	15-09-1999
		AU	3297199 A	15-09-1999
		ΑU	3297299 A	15-09-1999
		AU	3300499 A	15-09-1999
		ΑU	3300599 A	15-09-1999
		AU	3309199 A	15-09-1999
		CN	1292115 T	18-04-2001
		CN	1292116 T	18-04-2001
		CN	1292113 T	18-04-2001
		CN	1292117 T	18-04-2001
		CN-	1292192 T	18-04-2001
		CŃ	1292118 T	18-04-2001
		CN	1298502 T	06-06-2001
		CN	1298503 T	06-06-2001
		CN	1298504 T	06-06-2001
		CN	1298505 T	06-06-2001
		CN	1298523 T	06-06-2001-
		CN	1298524 T	06-06-2001
		CN	1298506 T	06-06-2001
		CN	1298507 T	06-06-2001
		CN	1298508 T	06-06-2001
		CN	1298509 T	06-06-2001
		CN	1298510 T	06-06-2001
		CN	1298511 T	06-06-2001
		CN	1298512 T	06-06-2001
		CN	1298513 T	06-06-2001
		CN	1298514 T	06-06-2001
		CN	1298515 T	06-06-200 1 .
		CN	1298516 T	06-06-2001
		CN	1298525 T	06-06-2001
		DE	69903711 D1	05-12-2002
WO 03007628 A	23-01-2003		03007628 A1	23-01-2003
		NO	20023372 A	14-01-2003